                           line 27, after "coding" insert --and untranslated--;

Page 20,   line 20, change "equilabrated" to --equilibrated--;

Page 33,   line 11, change "possesse" to --possess--;

Page 34,   line 7, change "(SEQ ID NO: 8)" to --(SEQ ID NO: 30)--;

Page 36,   line 3, change "protien" to --protein--;

                   line 6, change "matricies" to --matrices--;

                   line 10, change "seive" to --sieve--;

                   line 18, change "Publisrers" to --Publishers--;

Page 39,   line 1, change "futher" to --further--;

Page 40,   line 27, change "Futhermore" to --Furthermore--;

Page 45,   line 11, change "seperating" to --separating--;

                   line 12, change "anology" to --analogy--;

                   line 13, change "significaltly" to --significantly--;

Page 79,   line 30, change "*Immnol.*," to --*Immunol.*,--;

Page 90,   line 3, after "Dr. Nichols" delete the extra space before the comma;

Page 91,   line 18, delete "(SEQ ID NO: 19)";

                   line 24, change "(SEQ ID NO: 20)" to --(SEQ ID NO: 19)--;

                   line 25, delete "(SEQ ID NO: 21)";

                   line 33, change "(SEQ ID NO: 22)" to --(SEQ ID NO: 20)--;

                   line 34, delete "(SEQ ID NO: 23)";

Page 92,   line 21, change "preformed" to --performed--;

Page 93,   line 14, change "(SEQ ID NO: 24)" to --(SEQ ID NO: 21)--;

                   line 16, change "(SEQ ID NO: 25)" to --(SEQ ID NO: 22)--;

Page 95,   line 8, change "descibed" to --described--;

Page 98,   line 6, change "petide" to --peptide--;

Page 99,   line 11, change "seqentially" to --sequentially--;

                   line 21, change "Optoinally" to --Optionally--;

                   line 21, change "Cysteins" to --cysteines--;

                   line 23, change "cysteins" to --cysteines--;

                   line 29, change "(SEQ ID NO: 26)" to --(SEQ ID NO: 23)--;

                   line 31, change "(SEQ ID NO: 27)" to --(SEQ ID NO: 24)--;

                   line 33, change "(SEQ ID NO: 28)" to --(SEQ ID NO: 25)--;

                   line 35, change "(SEQ ID NO: 29)" to --(SEQ ID NO: 26)--;

                   line 36, change "(SEQ ID NO: 30)" to --(SEQ ID NO: 27)--;

Page 100,   line 1, change "(SEQ ID NO: 31)" to --(SEQ ID NO: 28)--; and

Change(s) applied to document, /J.E.B/ 9/29/2011